

# STANDARD INSPECTION REPORT OF A GAS OPERATOR FIELD AUDIT

## FIELD AUDIT

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If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

<b>Operator: AMEREN ILLINOIS COMPANY</b>	Operator ID#: 32513
<b>Inspection Date(s): 5/6/2014, 5/7/2014, 5/8/2014</b>	Man Days: 3
<b>Inspection Unit: Maryville</b>	
<b>Location of Audit: Maryville</b>	
<b>Exit Meeting Contact: Chuck Tebbe</b>	
<b>Inspection Type: Standard Inspection - Field Audit</b>	
<b>Pipeline Safety Representative(s): Valerie Schwing</b>	
<b>Company Representative to Receive Report: Michael Fuller</b>	
<b>Company Representative's Email Address: mfuller2@ameren.com</b>	

<b>Headquarters Address Information:</b>	300 Liberty Peoria, IL 61602 Emergency Phone#: Fax#:	
<b>Official or Mayor's Name:</b>	Ron Pate Phone#: (217) 424-6518 Email:	
<b>Inspection Contact(s)</b>	<b>Title</b>	<b>Phone No.</b>
Chuck Tebbe	Quality Assurance	

CUSTOMER METER & REGULATOR	Status
<u><b>Category Comment:</b></u>  104 Bauer Plastic 106 Bauer -1.4 108 Bauer -1.39 212 Bauer -1.12 220 Bauer -1.3 300 Bauer Plastic 302 Bauer 1.27 306 Bauer Plastic 310 Bauer -1.38 10009 Jacquelyn -1.37 404 Bauer Plastic 406 Bauer Plastic 405 Bauer Plastic 401 Bauer Plastic 317 Bauer -1.38 315 Bauer -1.38 313 Bauer -1	

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311 Bauer -1.39  
309 Bauer Plastic  
307 Bauer Plastic  
305 Bauer -1.39  
303 Bauer -1.38  
301 Bauer Plastic  
219 Bauer Plastic  
215 Bauer -1.39  
211 Bauer -1.4  
201 Bauer -1.19  
109 Bauer -1.38  
107 Bauer Plastic

[192.353(a)]	Is the customer meter and regulator installed in a readily accessible location and protected from corrosion and other damage, including if installed outside a building, vehicular damage that may be anticipated?	<b>Satisfactory</b>
[192.355(b)(1)]	Is the customer regulator vent rain and insect resistant?	<b>Unsatisfactory</b>
<b><u>Issue Comment:</u></b> Staff noted the following meter sets had missing vent screens, 306 and 405 Bauer Lane. Staff also noted a missing vent screen at 1009 Jacquelyn Street.		
[192.355(b)(2)]	Is the customer regulator vent located where gas from the vent escapes freely into the atmosphere and away from building openings?	<b>Satisfactory</b>
[192.355(b)(3)]	Is the vent protected from damage caused by submergence in areas of flooding?	<b>Satisfactory</b>
[192.357(a)]	Is the customer meter and regulator installed to minimize anticipated stresses upon connecting piping?	<b>Unsatisfactory</b>
<b><u>Issue Comment:</u></b> On May 6, 2014 Staff noted that the following meter sets were buried, 212, 300, and 305 Bauer Lane. A buried meter set was also found at 1009 Jacquelyn Street. On May 8, 2014, Staff noted two meter sets also buried at 1133 S. Clinton and 314 Southern in Caseyville, IL.		
[192.357(d)]	Is a customer regulator that might release gas vented to the outside atmosphere?	<b>Satisfactory</b>
[192.359(a)]	Is the meter operating pressure within the allowable limits of the meter case rating?	<b>Satisfactory</b>
[192.365(a)]	Is the service line valve upstream of the regulator or meter?	<b>Satisfactory</b>
[192.365(c)]	Is the underground service line valve located in a curb box or standpipe that allows for ready operation?	<b>Satisfactory</b>
[192.727(d)][192.727(d)]	When service to the customer has been discontinued has the proper method been utilized to prevent unauthorized usage?	<b>Satisfactory</b>
<b>CATHODIC PROTECTION</b>		<b>Status</b>
<b><u>Category Comment:</u></b> 104 Bauer Plastic 106 Bauer -1.4 108 Bauer -1.39 212 Bauer -1.12 220 Bauer -1.3 300 Bauer Plastic 302 Bauer 1.27 306 Bauer Plastic		

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310 Bauer -1.38  
 10009 Jacquelyn -1.37  
 404 Bauer Plastic  
 406 Bauer Plastic  
 405 Bauer Plastic  
 401 Bauer Plastic  
 317 Bauer -1.38  
 315 Bauer -1.38  
 313 Bauer -1  
 311 Bauer -1.39  
 309 Bauer Plastic  
 307 Bauer Plastic  
 305 Bauer -1.39  
 303 Bauer -1.38  
 301 Bauer Plastic  
 219 Bauer Plastic  
 215 Bauer -1.39  
 211 Bauer -1.4  
 201 Bauer -1.19  
 109 Bauer -1.38  
 107 Bauer Plastic

[192.463(a)]	Is the applicable cathodic protection criteria contained in Appendix D of this part being followed?	<b>Satisfactory</b>
[192.465(a)]	Were pipe to soil readings taken?	<b>Satisfactory</b>
[192.465(b)]	Were rectifier installations inspected?	<b>Satisfactory</b>
[192.465(a)]	Were isolated mains/services tested?	<b>Satisfactory</b>
[192.465(c)]	Were critical/non critical bonds tested?	<b>Satisfactory</b>
[192.467(a)]	Is electrical isolation provided by use of insulated meter spud, valve, union, or flange?	<b>Satisfactory</b>
[192.467(c)]	Were casings installations tested for electrical isolation?	<b>Satisfactory</b>
[192.479(a)]	Is the above ground piping coated or painted as required?	<b>Unsatisfactory</b>

**Issue Comment:**

On May 6, 2014, Staff noted the following risers needed to be rewrapped and coated, 212, 310, and 105 Bauer Lane.

[192.479(c)]	Is the pipeline free of corrosion or pitting?	<b>Satisfactory</b>
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### DAMAGE PREVENTION

**Status**

**Category Comment:**

Staff examined damage prevention markings for the dig ticket numbers A1200392 and A1200356.

[192.614]	Does the operator have a valid notification of planned excavation activities?	<b>Satisfactory</b>
[265.40(a)]	Did the operator complete the locating activities in the specified timeframe?	<b>Satisfactory</b>
[192.614(c)(5)]	Were temporary markings made in accordance with the operator's Operation and Maintenance Manual?	<b>Satisfactory</b>

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[192.707(a)(1)]	Are line markers placed and maintained as close as practical over each buried main and transmission line located at each crossing of a public road and railroad?	<b>Satisfactory</b>
[192.707(a)(2)]	Are line markers placed and maintained as close as practical over each buried main and transmission line located wherever necessary to identify the location of the transmission line or main to reduce the possibility of damage or interference?	<b>Satisfactory</b>
[192.707(c)]	Are line markers placed and maintained as close as practical over each main and transmission line located above ground?	<b>Satisfactory</b>
[192.707(d)(1)]	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The word "Warning," "Caution," or "Danger" followed by the words "Gas (or name of gas transported) Pipeline" all of which, except for markers in heavily developed urban areas, must be in letters at least 1 inch (25 millimeters) high with ¼ inch (6.4 millimeters) stroke?	<b>Satisfactory</b>
[192.707(d)(2)]	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The name and phone number (including area code) of the operator where the operator can be reached at all times?	<b>Satisfactory</b>
<b>PRESSURE LIMITING AND REGULATING DEVICES (MECHANICAL)</b>		<b>Status</b>
<b><u>Category Comment:</u></b> <i>Staff examined the regulator station number CH-207 with an inlet of 1000 PSI and 400 PSI outlet MAOP.</i>		
[192.739(a)(4)]	Was each pressure limiting station, relief device (except rupture discs), and pressure regulating station and its equipment subjected at intervals not exceeding 15 months, but at least once each calendar year, to inspections and tests to determine that it is properly installed and protected from dirt, liquids, or other conditions that might prevent proper operation.?	<b>Satisfactory</b>
[192.317(b)]	Is each above ground transmission line or main protected from accidental damage by vehicular traffic or other similar causes?	<b>Satisfactory</b>
[192.741(a),192.741(c)]	Were telemetering and/or recording gauges inspected for abnormally high or low pressure indications?	<b>Not Applicable</b>
[192.743(a)]	Is overpressure protection provided on the pipeline down stream of the take point?	<b>Satisfactory</b>
[192.199(d)]	Did the pressure relief or pressure limiting devices inspected to determine if the support was made of noncombustible material?	<b>Satisfactory</b>
[192.199(e)]	Did the pressure relief or pressure limiting devices inspected to determine if the discharge stacks, vents, or outlet ports were designed to prevent accumulation of water, ice, or snow, and located where gas can be discharged into the atmosphere without undue hazard?	<b>Satisfactory</b>
[192.199(h)]	Was each valve, designed to isolate the system under protection from its source of pressure, secured to prevent unauthorized operation of any stop valve that will	<b>Satisfactory</b>

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	make the pressure relief valve or pressure limiting device inoperative?	
<b>VALVE MAINTENANCE</b>		<b>Status</b>
<b><u>Category Comment:</u></b>		
Valves were checked in the Granite City and River Bend areas instead.		
[192.747(a)]	Were the valves inspected accessible?	<b>Not Checked</b>
<b>ODORIZATION OF GAS</b>		<b>Status</b>
<b><u>Category Comment:</u></b>		
Staff examined the 8300 YZ odorizer at the CH-207 regulator station. The odorant tank had a capacity of 2000 gallons and was 42 percent full.		
[192.625(a)]	Was the odor intensity level readily detectable at or below 1/5th LEL?	<b>Satisfactory</b>
[192.625(e)]	Was the Odorization equipment and tank levels inspected?	<b>Satisfactory</b>
[192.625(f)]	Was the operator's equipment calibrated as required?	<b>Satisfactory</b>
<b>TRANSMISSION</b>		<b>Status</b>
<b><u>Category Comment:</u></b>		
Valves were checked in the Granite City and River Bend areas instead.		
[192.179(b)(1)]	Are transmission valves protected from tampering or damage?	<b>Not Checked</b>
[192.745(a)]	Were the valves inspected accessible?	<b>Not Checked</b>
[192.719(a)]	Is pre-tested transmission pipe inventory maintained for use in an emergency?	<b>Not Checked</b>
<b>MARKING OF MATERIAL</b>		<b>Status</b>
[192.63(a)]	Does the operator's components and pipe contain the required markings?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
Staff examined the documentation on a Swarelor 3/8 swedge elbow.		
<b>OPERATOR QUALIFICATION</b>		<b>Status</b>
Was a PHMSA Form 15 Operator Qualification Field Inspection Protocol Form completed?		<b>No</b>

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